BRUHATH BENGALURU MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/08/2012-13 Dated: 13-12-2013

APPROVED TENDER SCHEDULE –'B'

Item No: 38

Name of Work:-Maintenance of Existing borewells in ward No-02 of yelahanka Sub Division.

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri ADINARAYANA REDDY	
				Rate	Rate in Words
1	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meaans of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. **SE RDED Approved Rate with all lead and lift as per direction of Engineer incharge of the work .**				
	12.5 HP 20 Stage	No	2	42944.00	Rupees forty two thousand nine hundred forty four only
3	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008. **50 mm dia including Collar Heavy Class with all lead and lift as per direction of Engineer incharge of the work .**	Rmtr	480	317.20	Rupees three hundred seventeen and paise twenty only
4	Lifting of Submersible Pump setwith all lead and lift as per direction of Engineer incharge of the work: .	No	8	732.00	Rupees seven hundred thirty two only
5	Transportataion of pumping machineries **(P.46/I.103)RDED SR (2002-03)**	No	8	760.80	Rupees seven hundred eighty and paise eighty only

Mahanagara Palike

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri ADINARAYANA REDDY	
				Rate	Rate in Words
6	A) Repairs to Motor:Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months.**with all lead and lift as per direction of Engineer incharge of the work .**				
	a) -Do - above 3HP upto 5HP	No	6	2440.00	Rupees two thousand two hundred forty
	b) -Do - above 5HP upto 10HP	No	2	3611.20	Rupees three thousand six hundred eleven and paise twenty only
	(Above 5HP upto 10HP add Rs.115/- for every 1/2 HP)				
	B) Replacement of Motor Parts:				
7	Above 5HP Stator (with one year Gurantee) with all lead and lift as per direction of Engineer incharge of the work .	No	15	4489.60	Rupees four thousand four hundred eighty nine and paise sixty
8	Above 5HP Rotor (with one year Gurantee) **with all lead and lift as per direction of Engineer incharge of the work .**	No	15	4392.00	Rupees four thousand three hundred ninety two only
9	Upper Flange **with all lead and lift as per direction of Engineer incharge of the work .**	No	16	341.60	Rupees three hundred forty one and paise sixty only
10	Lower Housing **with all lead and lift as per direction of Engineer incharge of the work .**	No	16	561.20	Rupees five hundred sixty one and paise twenty only
11	Lower Flangewith all lead and lift as per direction of Engineer incharge of the work .	No	20	341.60	Rupees three hundred forty one and paise sixty only
12	a) Carbon Housing with all lead and lift as per direction of Engineer incharge of the work .	No	16	439.20	Rupees four hundred thiety nine and paise twenty only
13	b) Thrust bearing block assembly complete with Segment bearing pad **with all lead and lift as per direction of Engineer incharge of the work .**	No	16	927.20	Rupees nine hundred twenty seven and paise twenty only
14	c) Tip Carbon /Ferrodo pading with all lead and lift as per direction of Engineer incharge of the work .	No	16	73.20	Rupees seventy three and paise twenty only
15	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush with all lead and lift as per direction of Engineer incharge of the work .	No	16	366.00	Rupees three hundred sixty six only
16	Motor Base with pin **with all lead and lift as per direction of Engineer incharge of the work .**	No	25	439.20	Rupees four hundred thirty nine and paise twenty
17	Re-erection charges of pumping machineries including overhauling and painting **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	829.60	Rupees eight hundred twenty nine and paise sixty only

Chief Accounts Karnataka Zone

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18	Labour Charge (overhauling Motor only) **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	439.20	Rupees four hundred thirty nine and paise twenty
19	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	141.52	Rupees one hundred forty one and paise fifty two only
20	Intermediate piece (I.P) with IP leaded bronze bush with all lead and lift as per direction of Engineer incharge of the work .	No	32	476.24	Rupees four hundred seventy eight and paise twenty four
21	Oil seal with all lead and lift as per direction of Engineer incharge of the work .	No	32	21.47	Rupees twenty one and paise forty seven only
22	Oil seal steel bush **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	73.20	Rupees seventy three and paise twenty only
23	Guide vane Pno 39/I No B5 with all lead and lift as per direction of Engineer incharge of the work .	No	200	173.73	Rupees one hundred seventy three and paise seventy three only
24	Impeller (shell moulded with aluminium and Bonze) with all lead and lift as per direction of Engineer incharge of the work .-03	No	200	214.72	Rupees two hundred fourteen and paise seventy two only
25	a) Discharge outlet (D.O) Bearing D.O Steel Bush **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	424.56	Rupees four hundred twenty four and paise fifty six only
26	b)D.O Bearing **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	244.00	Rupees two hundred forty four and only
27	Steel bush (D.O) steel bush) **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	146.40	Rupees one hundred forty six and paise forty only
28	Allen Screw **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	24.40	Rupees twnty four and paise forty only
29	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	927.20	Rupees nine hundred twenty seven and paise twenty only
30	Pump key (Stainless steel) **with all lead and lift as per direction of Engineer incharge of the work .**	No	32	122.00	Rupees one hundred twenty two only
31	Pump coupling (stainless steel)**with all lead and lift as per direction of Engineer incharge of the work .**	No	40	244.00	Rupees two hundred forty four only
32	Non - Return valve (NRV) assembly complete with rubber 'O' Ring **with all lead and lift as per direction of Engineer incharge of the work .**	No	40	1317.60	Rupees one thousand three hundred seventeen and paise sixty

Assistant Controller (Finance)

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri ADINARAYANA REDDY	
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33	Cabble guard **with all lead and lift as per direction of Engineer incharge of the work .**	No	40	146.40	Rupees one hundred forty six and paise forty only
34	Strainer **with all lead and lift as per direction of Engineer incharge of the work .**	No	40	73.20	Rupees seventy three and paise twenty only
35	Providing and fixing 50 mm dia heavy duty coller **with all lead and lift as per direction of Engineer incharge of the work .**	No	40	113.22	Rupees one hundred thirteen and paise twenty two only
36	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts **with all lead and lift as per direction of Engineer incharge of the work .**	Mtrs	1000	147.38	Rupees one hundred forty seven and paise thirty eight only
37	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. **with all lead and lift as per direction of Engineer incharge of the work .**	No	25	268.40	Rupees two hundred sixty eight and paise forty only
38	Supplying of LTUG cable having aluminium conductor PVC insulated shethed, galvanised steel, wire/ steel tap armoured cable with PVC outer sheathing 1.1KV class,**with all lead and lift as per direction of Engineer incharge of the work .**	Mtrs	200	146.40	Rupees one hundred forty six and paise forty only
39	Labour charges for laying of 1.1KV class UG cable (PWD Electrical with all lead and lift as per direction of Engineer incharge of the work .	Mtrs	200	4.88	Rupees four and paise eighty eight only
40	Digging or trenching of 0.6mx 0.5 m wide refilling the trench to the required ground level and consolidating etc. complete as per Civil SR KSRB 1-2 P-7 **with all lead and lift as per direction of Engineer incharge of the work .**	Mtrs	150	58.56	Rupees fifty eight and paise fifty six only
41	Supplying and fixing of class A (meaium duty) GI pipe of wall thickness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrengements for UG cable of 1.1KV class with all lead and lift as per direction of Engineer incharge of the work .	Mtrs	40	214.72	Rupees two hundred fourteen and paise seventy two only
42	Supplying and fixing L.T cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bitumen/ insulating compound complete with terminals clamps, bolts, nuts, and washers etc. with all lead and lift as per direction of Engineer incharge of the work .	No	25	234.24	Rupees two hundred thirty four and paise twenty four only
43	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 16SWG **with all lead and lift as per direction of Engineer incharge of the work .**	Sq Cm	147900	0.32	paise thirty two only

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44	Supply and delivery at site brand new star / Essen/ Lotus/sun shines/ Adrash/ GK controls best indigenous make combined energy meter cum control panel board unit of size 600x450x200mm minimum mechanically strong vermin and water proof. The unit shall have two delachable doors suitable for operation on 3 Ph, 50 Jz 380/440 volts, A.C supply with spring loaded latch, locking deveice with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided, the combined energy meter cum control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitabl pump set.**10HP 20 stage with star /Delta starter with all lead and lift as per direction of Engineer incharge of the work .**	No	3	6832.00	Rupees six thousand eight hundred thirty two only
45	KSRB 13.6.3-6: Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of al materials labour and HOM of equipments with all leads complete as pe specifications. Specification with all lead and lift as per direction of Engineer incharge of the work .	each	36	1573.74	Rupees one thousand five hundred seventy three and paise seventy four only
46	Earth work excavation for pipe line trenches including depositing on bank upto a lead of 50 meters including shoring and stutting danger lighting and using sight rails and boning rods at every 100 mtrs wherever necessary as directed in the following strata manual means in hard soil with all lead and lift as per direction of Engineer incharge of the work .	cum	769.5	197.15	Rupees one hundred ninety seven and paise fifteen only
47	Providing and installation at site of works P.V.C pipes including cost of pipes and specials and including lowring into trenches laying true to line level nad perfect linking at joints leak proof alround to a depth Not less than 15cm with grave or selected earth available form the excavation etc. with all lead and lift as per direction of Engineer incharge of the work .				
	75mm dia 6KSC PVC pipe	Rmtr	950	114.19	Rupees one hundred fourteen and paise nineteen only
	63mm dia 6 KSC	Rmtr	950	85.88	Rupees eighty five and paise eighty eight only
48	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering consolidation in layers of 15 cm thick including disposing of the surplus earth with a lead of 200 meters with all lead and lift as per direction of Engineer incharge of the work .	cum	769.5	56.61	Rupees fifty six and paise sixty one only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.

Assistant Controller (Finance)
Chief Accounts Officer
Yelahanka Zone
BBMP, Bengaluru-64

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